



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	

LAKE ERIE

LEZ146	Avon Point To Willowick Oh							
Avon Point to Willowick	10	1740EST 1940EST			0	0		Marine Tstm Wind (G50)
LEZ166	Le Avon Pt To Willowick Oh Byd 5Nm Offshore To Intl Border							
Avon Point to Willowick	10	1740EST 1940EST			0	0		Marine Tstm Wind (G50)
LEZ162	Le Detroit R Lt To Reno Beach Oh Byd 5Nm Offshore To Intl Border							
Maumee Bay to Reno Beach	10	1740EST 1940EST			0	0		Marine Tstm Wind (G50)
LEZ163	Le Reno Beach To The Islands Oh Byd 5Nm Offshore To Intl Border							
Reno Beach to The Islands	10	1740EST 1940EST			0	0		Marine Tstm Wind (G50)
LEZ164	Le The Islands To Vermilion Oh Byd 5Nm Offshore To Intl Border							
The Islands to Vermilion	10	1740EST 1940EST			0	0		Marine Tstm Wind (G50)
LEZ165	Le Vermilion To Avon Pt Oh Byd 5Nm Offshore To Intl Border							
Vermilion to Avon Point	10	1740EST 1940EST			0	0		Marine Tstm Wind (G50)
LEZ167	Le Willowick To Geneva On The Lake Oh Byd 5Nm Offshore To Intl Border							
Willowick to Geneva-On-The-Lake	10	1740EST 1940EST			0	0		Marine Tstm Wind (G50)
LEZ142	Maumee Bay To Reno Beach Oh							
Maumee Bay to Reno Beach	10	1740EST 1940EST			0	0		Marine Tstm Wind (G50)
LEZ143	Reno Beach To The Islands Oh							
Reno Beach to The Islands	10	1740EST 1940EST			0	0		Marine Tstm Wind (G50)
LEZ144	The Islands To Vermilion Oh							
The Islands to Vermilion	10	1740EST 1940EST			0	0		Marine Tstm Wind (G50)
LEZ145	Vermilion To Avon Point Oh							
Vermilion to Avon Point	10	1740EST 1940EST			0	0		Marine Tstm Wind (G50)
LEZ147	Willowick To Geneva On The Lake Oh							
Willowick to Geneva-On-The-Lake	10	1740EST 1940EST			0	0		Marine Tstm Wind (G50)

Scattered severe thunderstorms moved northeast across Lake Erie and produced wind gusts in excess of 50 knots. An F2 tornado moved across Lake Erie from Port Clinton to Catawba Island

OHIO, North

Wood County								
Countywide	10	1645EST 1725EST			0	0	500K	Thunderstorm Wind (G50)

Straight line thunderstorm winds caused considerable damage across Wood County. Several homes and a garage were damaged in Tontogany. The Weston area was also hard hit. Several homes were damaged, a car was destroyed and 26 power poles were toppled on the northwest side of the town. Over a dozen trees were downed in Haskins and a semi truck was blown over on Interstate 75 near State Route 582. Scattered trees were also reported down elsewhere across the county.

Wood County								
Jerry City	10	1654EST 1701EST	4.5	50	0	0	850K	Tornado (F1)



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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Persons Injured	Property	Damage Crops	

OHIO, North

A tornado touched down southwest of Jerry City and then moved northeast for approximately four and a half miles before dissipating. Seven homes sustained varying degrees of roof damage and three garages were destroyed on the southwest side of Jerry City. To the northeast a few hundred yards, the city maintenance garage was leveled. As the tornado exited Jerry City, it knocked a house off of its foundation. From Jerry City, the tornado moved northeast across open farmland and destroyed a large barn as it crossed Huffman Road. A home on Bloomdale Road was slightly damaged with the tornado finally lifting near Reynolds Road just north of State Route 281. Several vehicles were destroyed by this tornado and hundreds of trees downed along the damage path which was no more than 50 yards in width.

Wood County Stony Ridge

10 1710EST 0.1 25 0 0 0 Tornado (F0)

Law enforcement officers witnessed a small tornado touch down in an open area near the intersection of U.S. Highway 20 and Stony Ridge Road in Troy Township. The tornado was only on the ground for a few hundred feet and caused no damage.

Wood County Millbury

**10 1719EST
1720EST 0.5 25 0 0 325K Tornado (F1)**

A tornado touched down in a wooded area between Main Street and Hille Drive. The tornado then traveled northeast for approximately one half mile before dissipating along Fostoria Road just north of State Route 51. A home on Emily Drive lost its entire roof and had a wall collapse. Four other homes in the area lost sections of roof. Around a dozen trees were toppled along the damage path which was less than 25 yards in width.

Ottawa County Port Clinton to Catawba Is

**10 1730EST
1745EST 10 50 0 4 13.5M Tornado (F2)**



Port Clinton tornado damage along Lake Erie near Lakeview Park.



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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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OHIO, North

A tornado touched down south of Port Clinton and then moved northeast entering the city just west of the intersection of Wilcox Road and Fulton Road. The tornado moved through the heart of the city reaching Lake Erie at Lakeview Park. From there, the tornado moved northeast over Lake Erie to Catawba Island where it finally dissipated after a ten mile long damage path. Four people suffered minor injuries as a result of the tornado. Hardest hit was the Lakeview Park area where two condominiums were blown off their stilts into Lake Erie and many other structures were destroyed. The initial storm damage in Port Clinton occurred along 11th Street where several homes were heavily damaged or destroyed. Significant damage also occurred near 8th and Fulton Streets. As the tornado moved through the city, it damaged the local high school and a hospital. Significant damage also occurred on Catawba Island with several homes damaged and destroyed before the tornado finally dissipated. A total of 24 homes and 16 apartments were destroyed along the damage path with approximately 60 additional homes damaged enough to be deemed uninhabitable. Another 80 structures sustained minor to moderate amounts of damage. The damage path was typically no more than 50 yards in width. Dozens of vehicles were damaged or destroyed by the tornado and hundreds of trees and power poles were toppled.

Morrow County

Denmark

10	1650EST	0	0	10K	Hail(1.75)
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Golf ball size hail was observed near Denmark.

Hancock County

Findlay

10	1655EST	0	0	15K	Hail(1.50)
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Walnut size hail was observed six miles southeast of Findlay.

Hancock County

Mt Blanchard

10	1655EST	0	0	20K	Thunderstorm Wind
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Thunderstorm winds downed trees in Mount Blanchard.

Lucas County

Whitehouse

10	1655EST	0	0	10K	Thunderstorm Wind
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Thunderstorm winds downed a few trees a mile south of Whitehouse.

Morrow County

Mt Gilead

10	1655EST	0	0	30K	Thunderstorm Wind
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Thunderstorm winds downed several trees and a few power poles five miles north of Mount Gilead.

Wood County

Bowling Green

10	1701EST	0	0	100K	Thunderstorm Wind (G52)
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Thunderstorm winds estimated to be in excess of 60 mph blew a semi truck over on Interstate 75 ten miles north of Bowling Green. A car was also damaged.

Hancock County

Jenera

10	1705EST	0	0	10K	Hail(1.00)
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Quarter size hail was observed.

Hancock County

Findlay

10	1707EST	0	0		Hail(0.75)
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Dime size hail was observed southwest of Findlay in Liberty Township

Seneca County

New Riegel

10	1710EST	0	0	5K	Hail(1.00)
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Quarter size hail was observed near New Riegel.

Marion County

Morral

10	1715EST	0	0	250K	Hail(2.50)
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OHIO, North

Tennis to golf ball size hail was observed in Salt Rock Township south of Morral. The hail caused an estimated \$25,000 in damage to a school building that had over thirty windows broken. Many vehicles in the area were also damaged.

Seneca County

Tiffin	10	1715EST	0	0	20K	Hail(1.25)
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Half dollar size hail was observed seven miles east of Tiffin.

Richland County

Ontario	10	1716EST	0	0	Funnel Cloud
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An off duty National Weather Service employee observed a funnel cloud over Ontario moving northeast. No damage occurred

Marion County

Marion	10	1717EST	0	0	5K	Hail(1.00)
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Quarter size hail was observed north of Marion.

Richland County

Mansfield	10	1720EST	0	0	5K	Hail(1.00)
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Quarter size hail was observed two miles north of Mansfield.

Crawford County

Bucyrus	10	1730EST 1745EST	0	0	5K	Hail(0.75)
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Dime size hail was observed.

Marion County

Countywide	10	1730EST 1800EST	0	0	100K	Thunderstorm Wind
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Thunderstorm winds downed many trees in the western half of the county. At least two homes in Marion were damaged by fallen trees.

Richland County

Olivesburg	10	1730EST	0	0	5K	Hail(1.00)
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Quarter size hail was observed three miles west of Olivesburg.

Ashland County

Savannah	10	1740EST	0	0	Hail(0.75)
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Dime size hail was observed.

Morrow County

Mt Gilead	10	1740EST	0	0	30K	Thunderstorm Wind
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Thunderstorm winds downed several power poles six miles south of Mount Gilead.

Ashland County

Nankin to Polk	10	1745EST 1750EST	0	0	5K	Hail(1.00)
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Quarter size hail was observed at Nankin and Polk.

Crawford County

Countywide	10	1745EST	0	0	25K	Thunderstorm Wind
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Thunderstorm winds downed a few trees and large limbs in the county.

Huron County

Countywide	10	1745EST 1815EST	0	0	100K	Thunderstorm Wind
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Thunderstorm winds downed many trees in Willard, North Fairfield and near Norwalk. Two homes were significantly damaged by fallen trees in Willard.

Sandusky County

Bellevue	10	1745EST	0	0	15K	Thunderstorm Wind
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Thunderstorm winds downed many trees on the west side of Bellevue.



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					Killed	Injured	Property Crops	
<u>OHIO, North</u>								
Richland County								
Olivesburg	10	1755EST 1758EST			0	0		Hail(1.75)
Golf ball to quarter size hail was observed three miles west of Olivesburg.								
Erie County								
Milan	10	1757EST			0	0	25K	Thunderstorm Wind
Thunderstorm winds toppled five power poles along U.S. Route 250 north of Milan between Mason Road and State Route 13.								
Erie County								
Vermilion	10	1810EST			0	0	600K	Thunderstorm Wind
Thunderstorm winds caused extensive damage in Vermilion. Many trees and limbs were downed and a mobile home was knocked off it's foundation and heavily damaged. At a marina, several large boats were heavily damaged when the racks holding them were blown over by the high winds spilling the boats on to the ground.								
Ashland County								
Ashland	10	1815EST			0	0	20K	Thunderstorm Wind
Thunderstorm winds downed several trees on the west side of Ashland.								
Lorain County								
Amherst	10	1815EST			0	0	30K	Thunderstorm Wind
Thunderstorm winds downed several trees. At least one home was damaged by fallen trees.								
Wayne County								
Wooster	10	1815EST 1830EST			0	0	15K	Thunderstorm Wind
Thunderstorm winds downed several trees near Wooster.								
Lorain County								
Amherst	10	1816EST			0	0	5K	Hail(1.00)
Quarter size hail was observed.								
Knox County								
Gambier	10	1828EST			0	0	100K	Thunderstorm Wind
Thunderstorm winds downed several trees and large limbs near Gambier. A home lost large sections of roof and siding. A barn nearby also lost a roof. Debris from the barn damaged a second home.								
Lorain County								
Lorain to Sheffield	10	1830EST 1850EST			0	0	2.4M	Thunderstorm Wind
Thunderstorm winds well in excess of 60 mph caused extensive damage in the City of Lorain and Sheffield Lake. A school in Sheffield Lake lost a large section of roof and suffered extensive water damage. 46 homes in the area were damaged by the strong winds, flying debris and fallen trees. Of this total, eight homes were beyond repair and classified as being destroyed. Several homes in Lorain and surrounding areas were also damaged by fallen trees. Hundreds of trees were downed in the county.								
Lorain County								
Vermilion On The Lk	10	1832EST			0	0	25K	Thunderstorm Wind (G56) ^M
A 64 mph thunderstorm wind gust was measured. Many trees were downed.								
Medina County								
Seville	10	1845EST			0	0	2K	Thunderstorm Wind
Thunderstorm winds downed a large tree two miles north of Seville.								
Stark County								
Canton to Alliance	10	1845EST 1900EST			0	0	50K	Thunderstorm Wind



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					Killed	Injured	Property	Crops	

OHIO, North

Thunderstorm winds downed scattered trees from Canton and Plain Township eastward through the Louisville and Alliance areas. A few cars were damaged by fallen trees and limbs.

Stark County

Hartville	10	1850EST			0	0	20K	Thunderstorm Wind (G54)^M
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A 62 mph thunderstorm wind gust was measured near Hartville. Several trees and large limbs were downed in the area.

Cuyahoga County

Bedford	10	1900EST			0	0	15K	Thunderstorm Wind
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Thunderstorm winds downed one tree and several large limbs.

Lake County

Mentor	10	1920EST 1930EST			0	0	20K	Thunderstorm Wind
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Thunderstorm winds downed several trees south of Mentor.

Geauga County

Chardon	10	1930EST 1940EST			0	0	35K	Thunderstorm Wind
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Thunderstorm winds downed many trees and large limbs northeast of Chardon in Hambden Township.

Mahoning County

Berlin Center	10	1930EST			0	0	5K	Hail(1.00)
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Quarter size hail was observed.

Mahoning County

Berlin Center to Austintown	10	1930EST 1940EST			0	0	25K	Thunderstorm Wind
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Thunderstorm winds downed two trees in Berlin Center and several more in Austintown.

Portage County

Edinburg	10	1930EST			0	0	20K	Thunderstorm Wind
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Thunderstorm winds downed several power poles in Edinburg Township.

Holmes County

Nashville to Millersburg	10	1940EST			0	0	150K	Thunderstorm Wind
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Thunderstorm winds downed several trees across the county. A barn was blown off it's foundation near Nashville. A nearby house and two cars were also damaged.

Trumbull County

Niles to Warren	10	2030EST 2040EST			0	0	75K	Thunderstorm Wind (G52)
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Thunderstorm winds were estimated at 60 mph along Interstate 80 near Niles. Many trees were downed in Warren and Niles. At least one house was damaged by fallen trees in Warren.

Hancock County

Arcadia	10	1657EST 1702EST	3.5	50	0	0	11M	Tornado (F2)
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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

OHIO, North



Hancock County tornado damage on the southwest side of Fostoria along State Route 12.

An F1 tornado touched down to the northeast of Arcadia in northeastern Hancock County. The initial touchdown occurred just south of State Route 12 and to the east of County Road 330. From this location the tornado moved northeast and strengthened to F2 intensity as it entered the southwest end of Fostoria. Two businesses were heavily damaged on the outskirts of Fostoria along State Route 12. One of the two, a fertilizer business, had two of its four buildings completely leveled and the remaining two heavily damaged. A nearby gas storage facility had two large storage tanks damaged. Nearby, the tornado derailed two railroad cars near the West Tiffin Street crossing and toppled 19 high voltage transmission poles interrupting power for a large area. Extensive damage was done to neighborhoods on the southwest side of Tiffin with Jeannette Drive, Vickie Lane and West Tiffin Streets hardest hit. As the tornado neared downtown Fostoria it tore the roof off of a high school which allowed rain water to enter the building and damage all three floors. Total damage to the school was estimated to be well over \$500,000. Just east of the school, the community hospital was hit and sustained over \$1 million in damage. The tornado lifted just east of the hospital and touched down a second time on the northeast side of Fostoria (Seneca County). In Fostoria, eight homes were destroyed with nine more homes damaged enough to be declared uninhabitable. An additional 60 to 70 homes sustained minor damage with dozens of cars damaged in varying amounts. Hundreds of trees and power poles were downed along the damage path which was around 50 yards in width.

Seneca County
Fostoria to
Amsden

10	1702EST 1710EST	5.5	25	0	0	1.1M	Tornado (F1)
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November 2002

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					Killed	Injured	Property	Crops	

OHIO, North



Seneca County tornado damage northeast of Fostoria near the airport.

After lifting in downtown Fostoria (near the Hancock County border) the tornado touched down again on the northeastern edge of Fostoria. The tornado moved northeast from this location and damaged several homes before reaching the Fostoria Airport where a hanger and office building were damaged. From the airport, the tornado continued northeast across open farmland for a few miles and finally dissipated northwest of Amsden near the intersection of County Road 3 and Township Road 172. Several more homes and barns were damaged along the last half of the tornado track. Many cars were also damaged and hundreds of trees and power poles toppled. The damage path from this tornado in Seneca County was roughly five and a half miles in length and around 25 yards in width.

Sandusky County

Fremont to Kingsway

10	1720EST 1725EST	3.5	50	0	0	1.3M	Tornado (F1)
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A tornado touched down just northwest of Fremont near the intersection of Shade Road and Four Mile House Road. A house was heavily damaged and a motor home destroyed near this location. From the initial touchdown site, the tornado traveled northeast for around three and a half miles and then dissipated east of State Route 19 just to the south of the Ohio Turnpike. A second home was heavily damaged near Booktown Road at State Route 19. Elsewhere along the damage path, a few homes sustained minor damage and seven barns were leveled. One of the barns contained a collection of antique cars which were destroyed. Many trees and power poles were also downed along the damage path which was generally no more than 50 yards in width.

Marion County

Marion

10	1710EST	0.1	25	0	0	10K	Tornado (F0)
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A small tornado touched down in rural Marion County about five miles north of Marion near the intersection of State Route 4 and U.S. Highway 23. The tornado was on the ground for only a couple hundred feet and caused no damage other than downing several trees.

Richland County

Ontario

10	1745EST 1746EST	1	25	0	0	200K	Tornado (F1)
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					Killed	Injured	Property	Crops	

OHIO, North



Richland County tornado damage along Flowers Road west of Ontario.

A tornado touched down three miles west of Ontario just north of Flowers Road and about a mile west of State Route 314. The tornado traveled northeast and leveled a cinder block building and caused extensive structural damage to a house. A car parked near the house was punctured in several spots by debris and hand tools blown from the cinder block building. Many trees were downed along the damage path which was nearly one mile in length and about 25 yards in width. The tornado lifted just before crossing State Route 314.

Ashland County

Polk

10	1748EST 1758EST	5.5	50	0	0	1.6M	Tornado (F2)
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Tornado damage along Ashland County Road 620 just west of Albion.



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November 2002

Location	Date	Time	Path Length (Miles)	Path Width (Yards)	Number of		Estimated		Character of Storm
		Local/ Standard			Killed	Injured	Property	Crops	

OHIO, North

A tornado touched down two miles southwest of Polk near the intersection of County Road 601 and Township Road 902. A new home at this location was destroyed. The tornado then traveled northeast across the western and northern portions of Polk. Two homes on the west side of Polk were heavily damaged and a small barn was leveled just north of town. Another 10 to 12 buildings, including two public buildings sustained minor damage in Polk. From Polk, the tornado traveled northeast across rural areas and passed just to the west of Albion. Two homes along County Road 620 just west of Township Road 521 lost entire roofs and had exterior walls partially or entirely knocked down. A nearby barn was leveled with debris thrown as much as one half mile. A small boat tethered in a pond near the barn was found a quarter mile away and the pond itself was filled with debris. A church in the area had its steeple toppled. The tornado continued northeast and damaged several more homes and buildings. The tornado moved into Medina County just east of County Road 175. In the county, a total of five homes were either completely destroyed or declared unlivable with another 11 homes sustaining enough damage to require significant repairs. Approximately 30 additional homes and buildings suffered minor damage. A few dozen cars sustained varying amounts of damage. The tornado was on the ground in Ashland County for approximately five and a half miles with the damage path no more than 50 yards in width.

Medina County Homerville

10	1758EST 1805EST	4	50	0	0	750K	Tornado (F2)
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Tornado damage along Williams Road in southwestern Medina County.

A tornado moved into the county from Ashland County just to the east of Firestone Road. The tornado then traveled northeast through Homerville and finally dissipated about a mile and a half northeast of the town. The first significant damage in the county occurred along Williams Road where a newer two story home lost its roof and most of the second floor. Several other homes and buildings in this area sustained minor damage. In Homerville, an auto repair shop was destroyed and several homes sustained moderate to minor damage. A barn was destroyed just southwest of town. Many cars were damaged and dozens of trees downed. The tornado was on the ground in Medina County for approximately four miles and had a damage path no more than 50 yards in width.



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OHIO, North

Wayne County

West Salem to
Burbank

10	1820EST 1827EST	5	100	0	0	1.2K	Tornado (F2)
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Wayne County tornado damage along Easton Road near West Salem.

A tornado touched down about four miles south of West Salem just east of State Route 301 along Pleasant Home Road. The tornado then traveled northeast for approximately five miles before dissipating two and one half miles southwest of Burbank near the intersection of Britton and Franchester Roads. Extensive damage was done along the damage path which was mostly around 50 yards in width but up to several hundred feet wide along Palmer Road. A home on Pleasant Home Road was heavily damaged as were three other homes on Easton Road to the west of Wohlmanuth Road. Two more homes were severely damaged on Wohlmanuth Road. A home and six outbuildings were destroyed as the tornado crossed Palmer Road about a mile east of State Route 539 (Wohlmanuth Road). A second home was leveled on Ruff Road just to the west of Stratton Road. Finally, a home was heavily damaged near where the tornado dissipated. Several other homes and buildings sustained minor damage. Many vehicles were also damaged. At least 20 power poles were snapped and several hundred trees downed along the damage path.

Seneca County

Tiffin to
Fireside

10	1715EST 1738EST	21	100	1	2	12.8M	Tornado (F3)
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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

OHIO, North



The site of Seneca County tornado fatality. Located northwest of Republic near the intersection of County Roads 38 and 43.

An F1 tornado touched down southwest of Tiffin near the Seneca County Airport. The tornado moved east northeast and strengthened to F3 intensity as it crossed U.S. Highway 224 and moved into Tiffin. The Honey Creek subdivision along County Road 19 near US 224 was hard hit. Six homes on Nantucket Drive in the subdivision were destroyed and many other homes damaged. As the tornado continued across the southern part of Tiffin it leveled a business along State Route 231 and destroyed several homes on Siesta Drive just east of State Route 231. A retirement community along St. Francis Avenue and just north of Siesta Drive was also hard hit by the tornado. Eight homes in the community were destroyed with five more damaged enough to be declared uninhabitable. Another 25 homes sustained lesser amounts of damage and several cars were found lying upside down. The tornado weakened to F2 intensity as it crossed State Route 100 and moved over Greenlawn Cemetery. From the cemetery, the tornado began to move in more of a northeasterly direction and briefly weakened to F1 intensity as it passed to the east of Heidelberg College. The tornado reintensified to F2 as it crossed State Route 18 and continued northeast across open country where it damaged many more homes and buildings. The tornado reached strong F3 intensity for several miles to the northwest and north of Republic. A 24 year old male was killed and two other people seriously injured when a home in Scipio Township on County Road 38 near County Road 43 was swept off of its foundation. Two other homes nearby were also leveled. The tornado remained on the ground for another ten miles and gradually weakened to F2 intensity. It finally lifted south of State Route 18 near Fireside. Later, the same parent thunderstorm spawned another tornado a few miles away in Huron County. Overall, this tornado destroyed 32 homes and businesses, heavily damaged another eight and slightly damaged around 70 homes in Seneca County. Dozens of cars were also damaged and destroyed with downed trees and power poles numbering in the hundreds. The damage path from this tornado was roughly 21 miles in length and over 200 yards in width at times. M24PH

Huron County
Hunts Corner to
Monroeville

10	1742EST 1750EST	7.5	50	0	0	800K	Tornado (F1)
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National Weather Service

Storm Data and Unusual Weather Phenomena



November 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
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OHIO, North

The same thunderstorm that produced the deadly Seneca County tornado spawned another tornado in northwestern Huron County. This tornado touched down near the intersection of Young Road and State Route 4 southeast of Bellevue and northwest of Hunts Corners. The tornado moved northeast for around seven and a half miles before entering Erie County north of Monroeville near the intersection of Section Line Road and State Route 113. The tornado caused some damage in Lyme Township. The township hall and garage located on Young Road near Section Line Road were severely damaged. Trucks and other heavy equipment stored in the garage were destroyed. As the tornado continued northeast it destroyed a few barns and caused minor damage to some homes. Many trees and power poles were downed along the damage path which was mostly 25 to 50 yards in width.

Erie County

Kimball to Milan

10	1750EST 1756EST	5	50	0	0	500K	Tornado (F1)
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A tornado moved into Erie County from Huron County to the southeast of Kimball near the intersection of Section Line Road and State Route 113. The tornado continued east northeast in the county for around five miles and dissipated north of Milan near the intersection of U.S. Highway 250 and State Route 13. Several high voltage transmission poles were toppled by the tornado in Milan Township. A few homes sustained minor damage and several barns were destroyed. Many trees were downed along the damage path which was generally 25 to 50 yards in width.

Richland County

Mansfield

10	1825EST			0	0	8K	Thunderstorm Wind
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Thunderstorm winds downed three trees.

Trumbull County

Warren

10	1930EST			0	0	15K	Thunderstorm Wind
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Thunderstorm winds downed five trees and many large limbs in the Warren area.

Wayne County

Wooster to Smithville

10	1930EST 1945EST			0	0	30K	Thunderstorm Wind
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Thunderstorm winds downed many trees and large limbs in the Wooster and Smithville areas.

Ashtabula County

Jefferson

10	1940EST			0	0	5K	Thunderstorm Wind
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Thunderstorm winds downed a few large tree limbs near Jefferson.

Portage County

Diamond

10	2000EST			0	0	10K	Thunderstorm Wind
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Thunderstorm winds downed several trees and large limbs.

Trumbull County

Girard

10	2035EST 2040EST			0	0	15K	Thunderstorm Wind
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Thunderstorm winds downed six large trees.

Mahoning County

Youngstown

10	2045EST			0	0	15K	Thunderstorm Wind
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Thunderstorm winds downed several trees on the north side of Youngstown.

Stark County

Massillon

10	1827EST 1832EST	3.3	25	0	0	850K	Tornado (F1)
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November 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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OHIO, North

A tornado touched down in Massillon between Tremont Avenue SW and Lincoln Way West just west of State Route 21. From the initial touchdown site, the tornado traveled northeast along a track roughly parallel to Lincoln Way and lifted to the west of State Route 241 after being on the ground for about three quarters of a mile. The tornado touched down a second time in Perry Township north of Valerie Street NW. The tornado tracked northeast across Jackson Street and dissipated near the intersection of Perry Street and Harris Avenue. This segment was also roughly three quarters of a mile in length and around 25 yards in width. A home was damaged on Tremont Avenue and several businesses sustained window and roof damage as the tornado moved through downtown Massillon. A semi truck and several large signs were also blown over in this area. Further northeast in Perry Township, four homes lost entire roofs in the area between Nottingham and List Streets. Many cars, including one with a board driven through it's door, were damaged or destroyed by trees and flying debris in this same area. A total of 23 properties sustained either roof and siding damage or downed trees on List Street alone.

Summit County

Macedonia to Twinsburg

10	1900EST 1908EST	3.3	100	0	0	10.2M	Tornado (F2)
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A small F0/F1 tornado touched down in Macedonia near the intersection of Valley View Drive (SR 631) and Aurora Road and moved northeast. The tornado gradually strengthened and reached F2 intensity as it crossed State Route 14 and moved into Twinsburg. After a track of just over three miles the tornado weakened to F1 intensity and crossed into Cuyahoga County south of Glenwillow. Extensive damage was done in Macedonia and Twinsburg. In Macedonia, 60 homes were damaged including two that were destroyed and 15 others were damaged enough to be declared uninhabitable. The most severe damage in the county occurred in the Glenwood Preserve neighborhood on the north side of Twinsburg. Extensive damage was done on Andover Drive and Deeplake Circle where several homes were leveled and a total of 45 homes damaged. Damage estimates in Twinsburg alone were well over \$5 million. The damage path was continuous and about 100 yards in width. Dozens of cars were damaged or destroyed and hundreds of trees and power poles downed in Summit County.

Cuyahoga County

Solon

10	1908EST 1915EST	4	100	0	0	6.8M	Tornado (F1)
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An F1 tornado crossed into Cuyahoga County from Summit County to the south of Glenwillow. The tornado traveled northeast for about four miles and dissipated to the east of Solon. The tornado caused some home damage in Glenwillow and tore the roof off of a business. After moving across a few open fields the tornado crossed into Solon along Pettibone Road. Several homes were damaged on Selworthy and Hollycock Lanes in the Liberty Hill subdivision just north of Pettibone. As the tornado continued northeast it damaged several more homes in the Hunt Club subdivision near the intersection of SOM Center and Arthur Roads. Next hit was the Solon Middle School on SOM Center Road just north of Arthur Road. The school sustained over \$2 million in roof and structural damages. As the tornado continued northeast it caused damage in the Ayleshire subdivision along Aurora Road. More home damage occurred along Liberty Street near the railroad tracks and on Windy Hill Lane. The tornado finally dissipated on the eastern edge of Solon near Bainbridge Road after damaging around 100 homes in the county. Most of the home damage was minor, but dozens of cars were damaged or destroyed and hundreds of trees and power poles downed. The damage path was generally 50 to 100 yards in width.

OHZ014

Ashtabula

27	2000EST	0	0	40K	Heavy Snow
28	1100EST				

Lake effect snow showers affected the northern half of Ashtabula County from late in the evening on the 27th through the morning of the 28th. Around 6 inches of snow accumulation was reported.



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	

OHIO, North

OHZ013>014

Geauga - Ashtabula

30	1200EST 2359EST			0	0	150K	Heavy Snow
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An arctic cold front dropped southeast across the region on the morning of the 30th. Cold west to northwest winds behind this front caused lake effect snow showers and squalls to develop during the afternoon of the 30th. These snow showers intensified during the evening of the 30th and continued through the afternoon of December 1st. Snowfall totals of up to 10 inches were reported. Gusty winds accompanying the snow caused whiteout conditions at times along with significant drifting.

PENNSYLVANIA, Northwest

Crawford County

Cochrannton

10	2030EST 2033EST	1	40	0	0	325K	Tornado (F1)
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A tornado touched down near Cochrannton near the intersection of Stein Hill and Lausch Roads and then traveled northeast about three quarters of a mile before dissipating. A barn and small cottage were completely destroyed. Three homes and another small barn sustained minor damage. Hundreds of trees were snapped along the damage path which was approximately 40 yards in width.

Erie County

Waterford

10	2040EST			0	0		Hail(0.75)
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Dime size hail was observed.

PAZ001>002

Northern Erie - Southern Erie

22	1100EST 2300EST			0	0	100K	Heavy Snow
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An area of low pressure moved east across Northern Pennsylvania during the afternoon hours causing light to moderate snow to fall from midday through the evening hours. Accumulations of up to 8 inches were reported near North East with around 6 inches of snow further inland in Erie County.

PAZ001>002

Northern Erie - Southern Erie

27 28	2000EST 1100EST			0	0	100K	Heavy Snow
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Lake effect snow showers affected Erie County from late in the evening of the 27th through the morning of the 28th. Up to 9 inches of snow accumulation was reported in the county with 6.7 inches of snow falling at Erie International Airport.

PAZ002>003

Southern Erie - Crawford

30	1200EST 2359EST			0	0	250K	Heavy Snow
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An arctic cold front dropped southeast across the region on the morning of the 30th. Cold west to northwest winds behind this front caused lake effect snow showers and squalls to develop during the afternoon of the 30th. These snow showers intensified during the evening of the 30th and continued through the afternoon of December 1st. The greatest snowfall amounts were across inland sections of Erie County where up to 17 inches of snow was reported. In Crawford County, snowfall totals ranged from over 12 inches in the north to as little as four inches near the southern border of the county. Gusty winds accompanying the snow caused whiteout conditions at times along with significant drifting.